

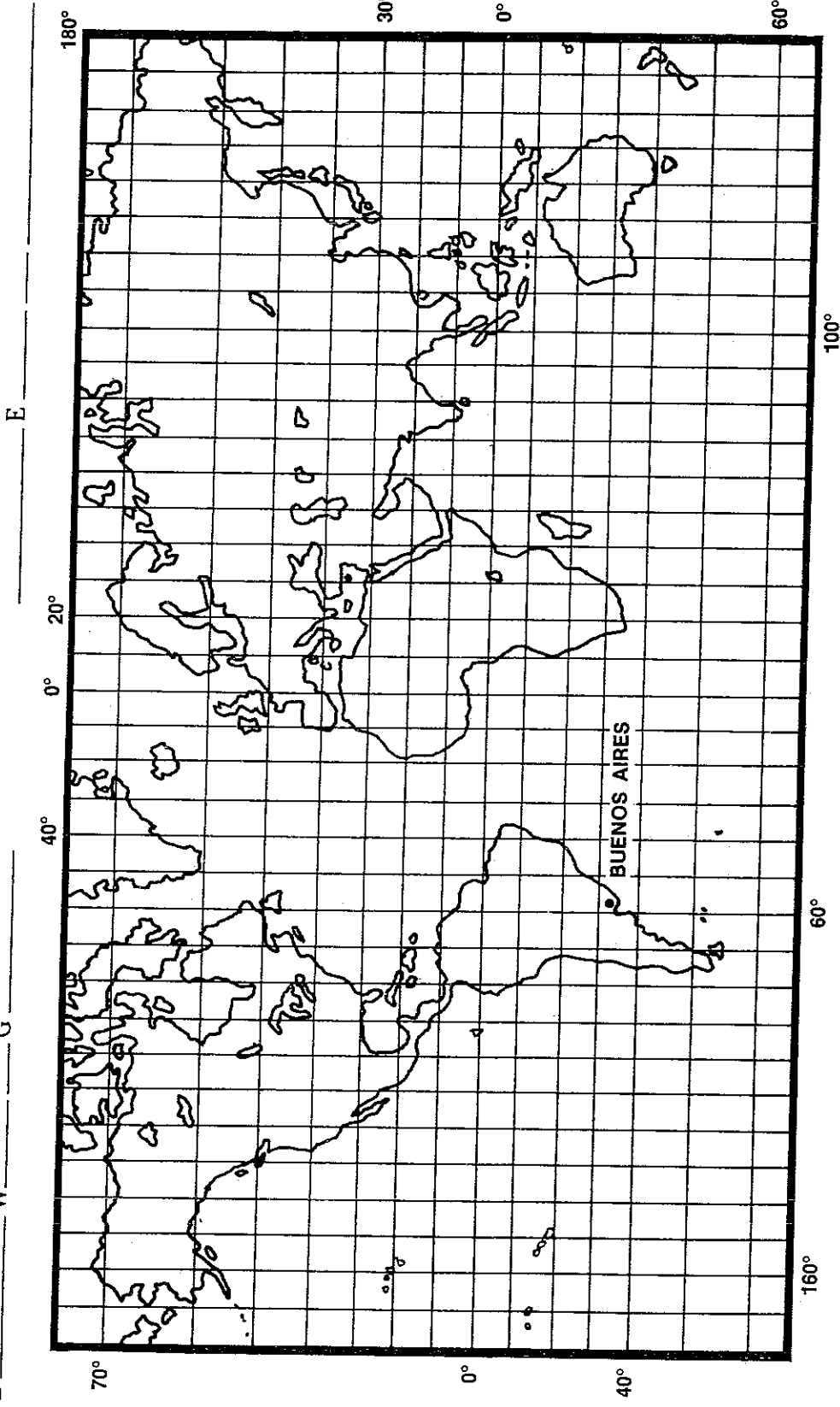
Name: _____

Date: _____

Worksheet K: Map

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L _ _ _ W _ _ _ G



Activity K: Mercator Map I

Worksheet K has a world map designed by Gerhardus Mercator, a Belgian mapmaker of the 1500s. Because its parallels and meridians are straight lines, its grid closely resembles the ones with which you have been working. Note that toward the poles the parallels get farther apart, but the interval of ten degrees stays the same. Your worksheet map shows the landmasses most used by humans, so more of the northern hemisphere is included and the polar areas are omitted.

A. Preparing the map Complete the map on Worksheet K by neatly and carefully finishing the lettering or numbering of these items:

1. Title: MERCATOR MAP I
2. Directions: Longitude West of Greenwich, Longitude East of Greenwich
3. Numbers: 0° to 70° , 0° to 60° , 0° to 180° (Follow your teacher's suggestions to avoid crowding longitude numbers.)

B. Finding the locations Use latitude and longitude to place a dot on the map to show the location of each of the fifteen places listed below. Label each dot with the name of the place it locates. Use careful *estimating*, map *quarters*, and a *straightedge* memory for accurate work.

- | | | |
|--------------------------|-------|--------|
| 1. Buenos Aires | 34° S | 59° W |
| 2. Cairo | 30° N | 31° E |
| 3. Denver | 40° N | 105° W |
| 4. Honolulu | 21° N | 158° W |
| 5. Lima | 12° S | 77° W |
| 6. London | 52° N | 0° |
| 7. Montreal | 46° N | 74° W |
| 8. New Delhi | 29° N | 77° E |
| 9. Pretoria | 26° S | 28° E |
| 10. Santiago | 33° S | 71° W |
| 11. South Georgia Island | 54° S | 37° W |
| 12. Sydney | 34° S | 151° E |
| 13. Vladivostok | 43° N | 132° E |
| 14. Warsaw | 52° N | 21° E |
| 15. Wellington | 41° S | 175° E |